

~~MIKE~~  
Ray - I don't  
need to see  
this kind of  
stuff. *Shaker*  
J

February 3, 1984

Mr. Ray Nye  
U.S. Environmental Protection  
Agency  
Region X  
1200 Sixth Avenue  
Seattle, WA 98101

SUBJECT: Prudhoe Bay Air Quality Modeling

Dear Mr. Nye:

As we discussed in our phone conversation January 19, 1984 regarding updating the actual emission inventory on the North Slope per your letter request of October 1983.

The following is our understanding of that conversation:

1. ARCO and Sohio will attempt to provide specific building parameters and stack parameters for existing sources (includes all planned sources plus those on-site) by June 1984.
2. We will run a long-term  $\text{NO}_x$  model with these revised parameters.
3. For the model runs, we will use the emission rates cited in the Prudhoe PSD permits. However, we will adjust the sizes to more closely correspond to actual unit size constructed.
4. This exercise will not be used to reduce permitted levels of emissions.
5. We will in all cases use the maximum ISO horsepower of a particular turbine.

USEPA REG




0000039

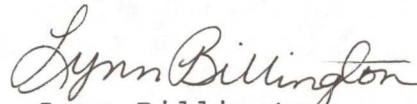
Mr. Ray Nye  
February 3, 1984  
Page 2

During these update process, we will be in close communication with your office to determine that the actual model update will satisfy your needs. Please contact us (Alan (907) 263-4307 or Lynn (907) 564-4137) if we have failed to communicate our discussion.

Sincerely,



Alan J. Schuyler  
Senior Engineer  
ARCO Alaska, Inc.



Lynn Billington  
Environmental Engineer  
Sohio Alaska Petroleum Co.

AJS:tlh-0064

cc: Dave Estes, ADEC - Juneau